

FIG. 1 is a schematic diagram of a system for controlling a motor.

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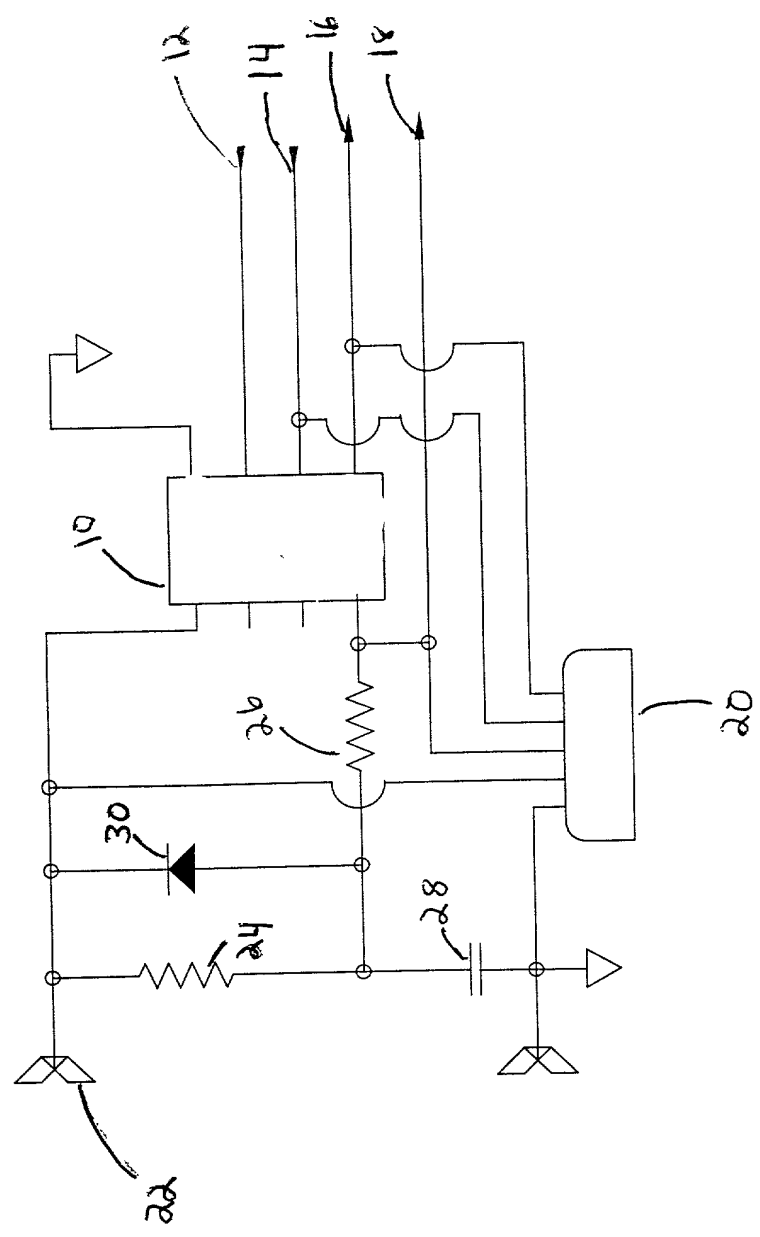


Figure 1

31

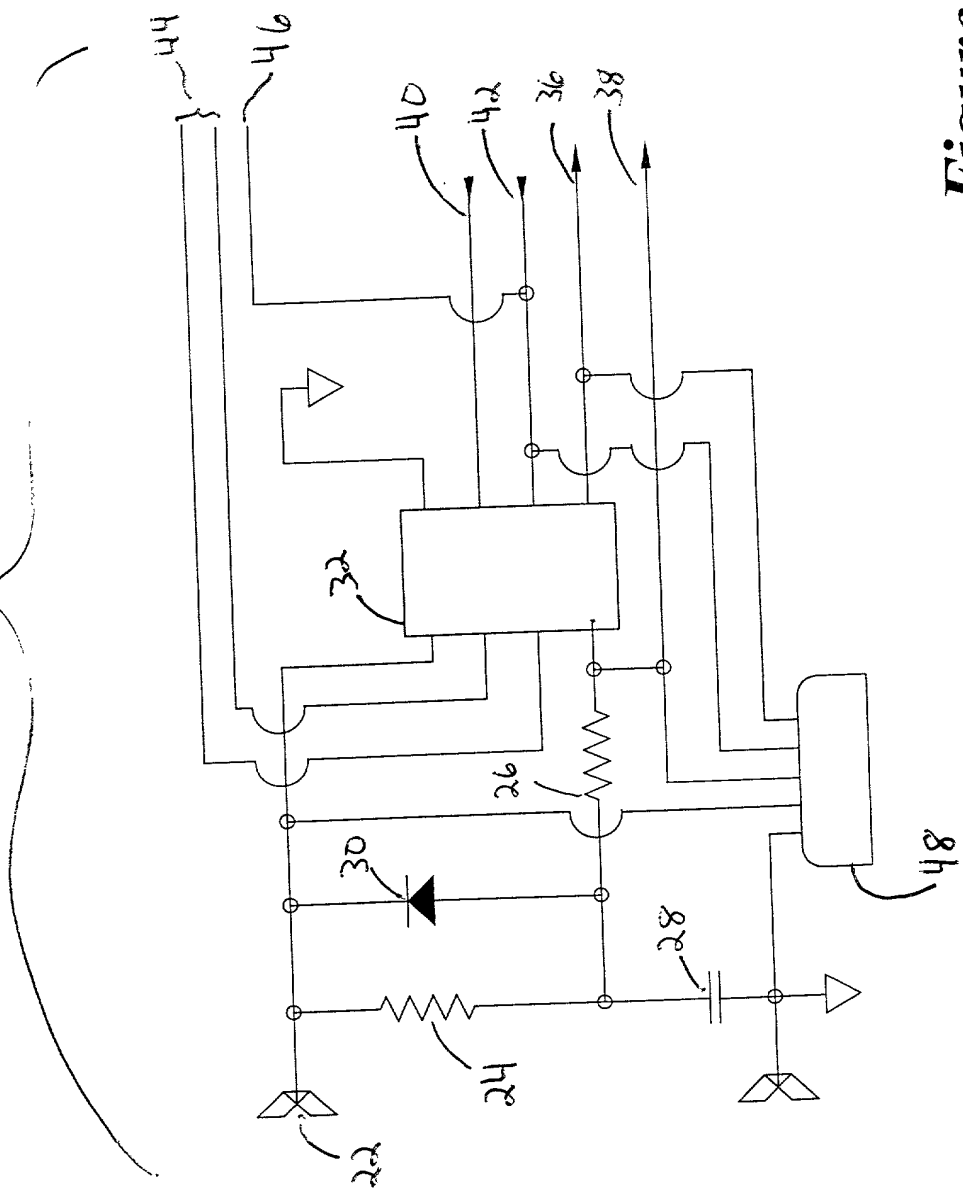
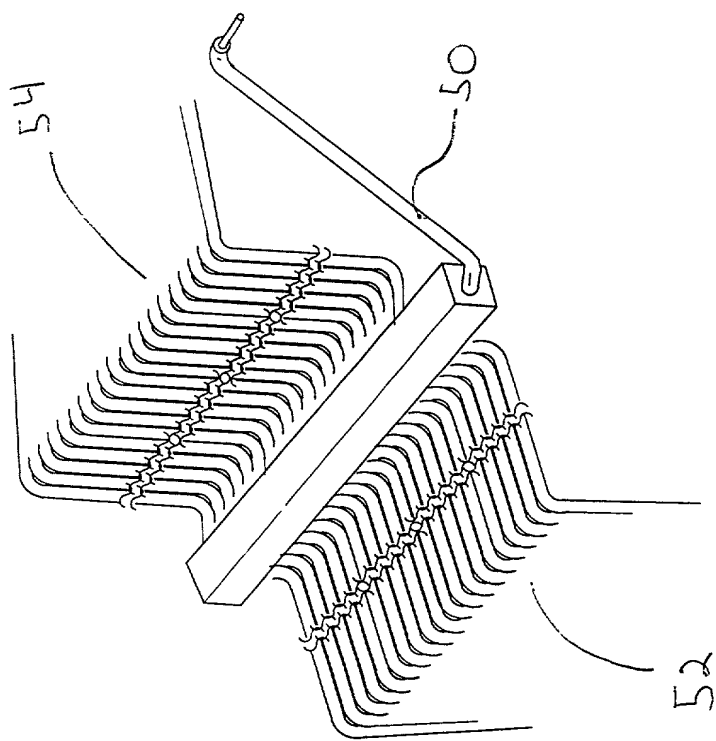
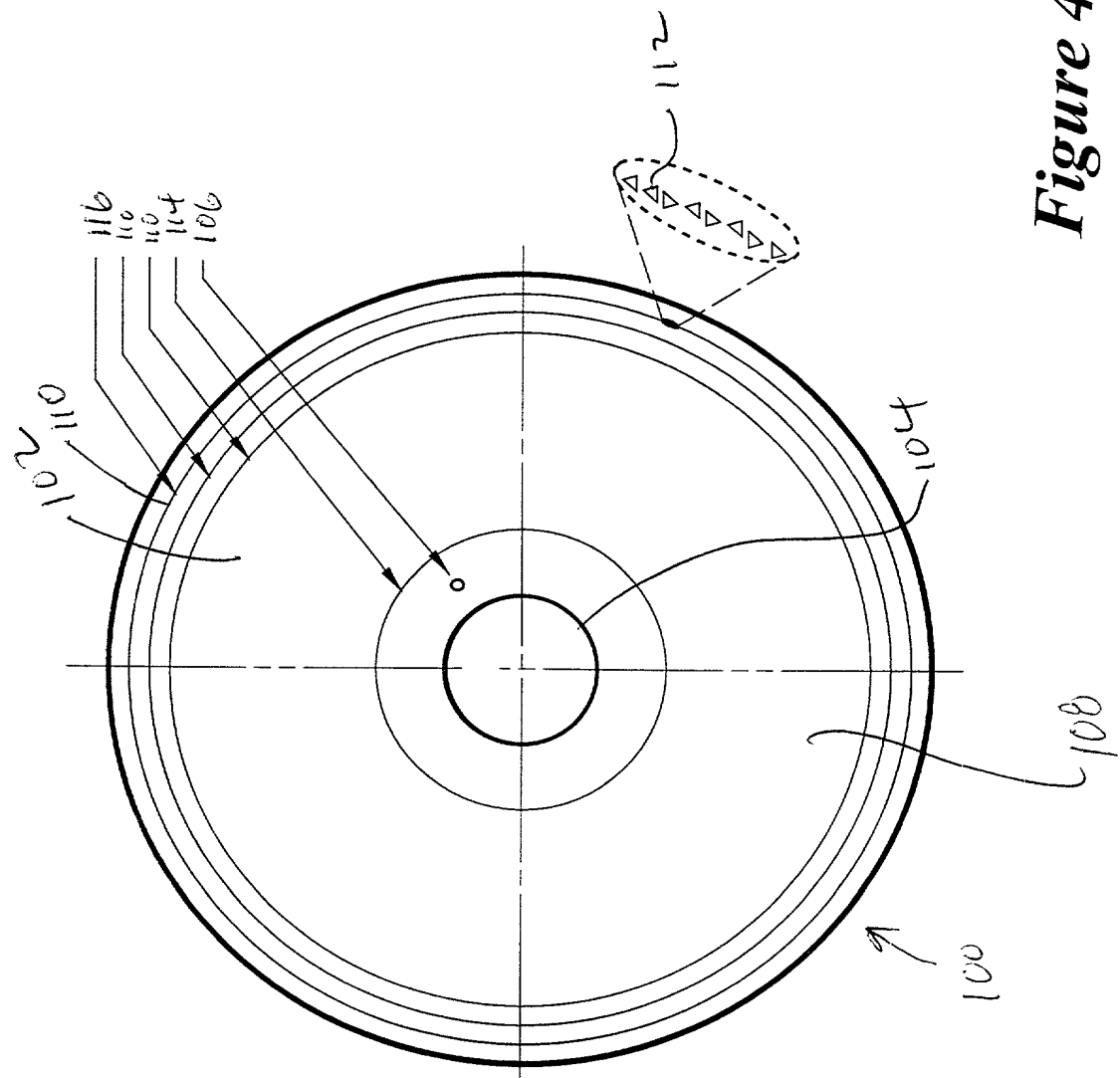


Figure 2



*Figure 3*



**Figure 4**

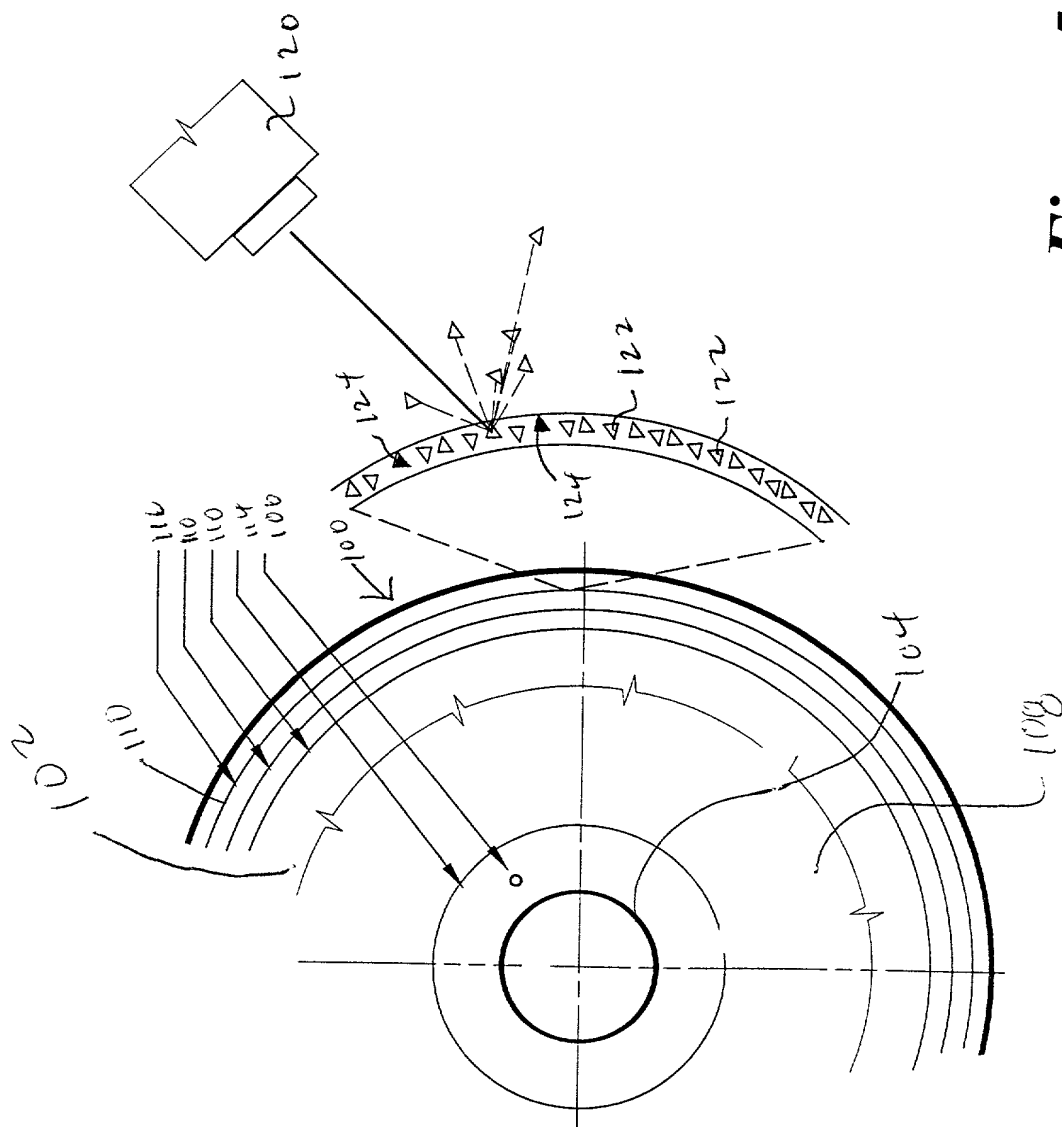
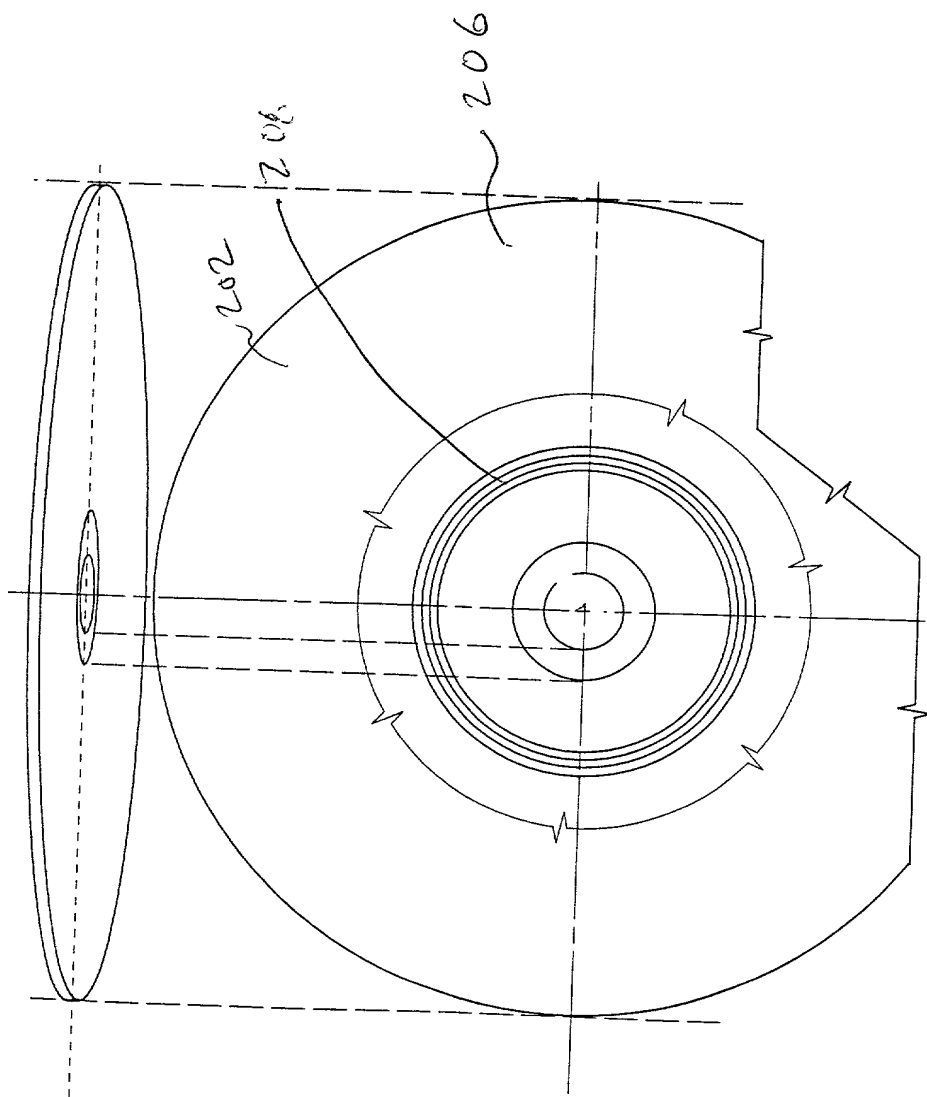
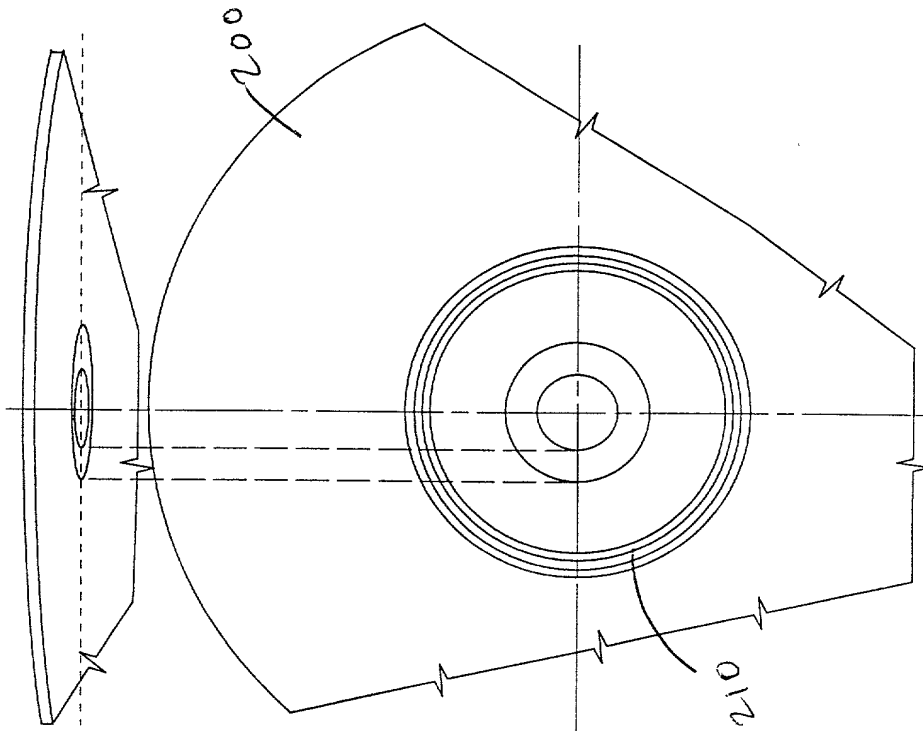


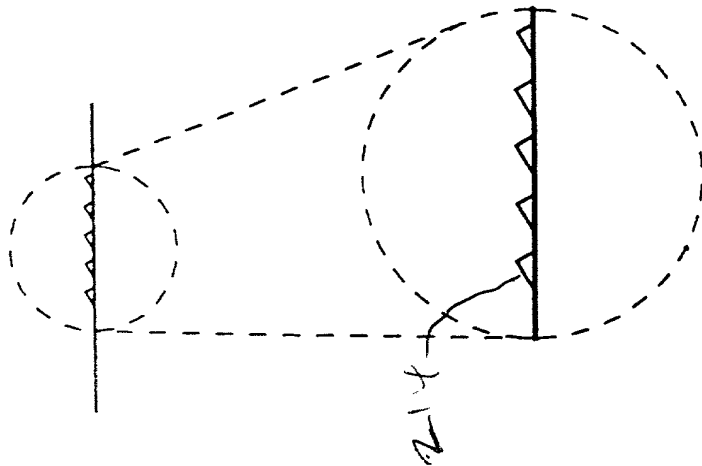
Figure 5



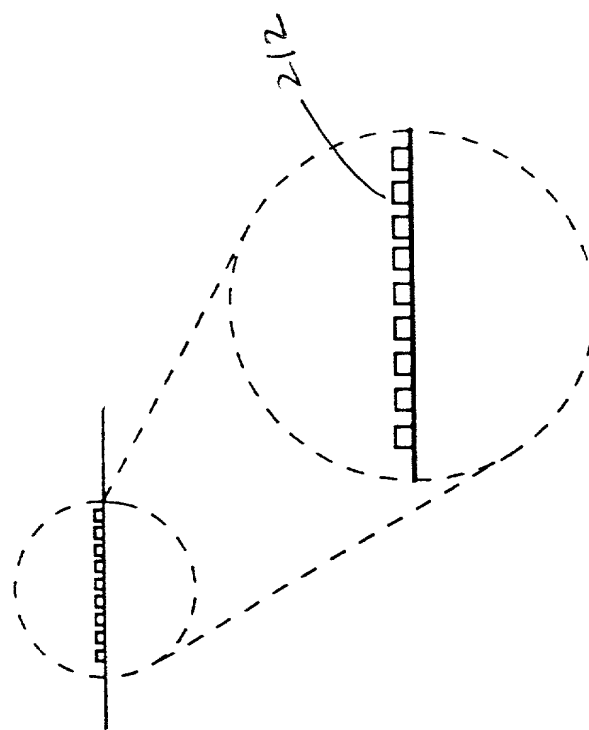
*Figure 6*



**Figure 7a**

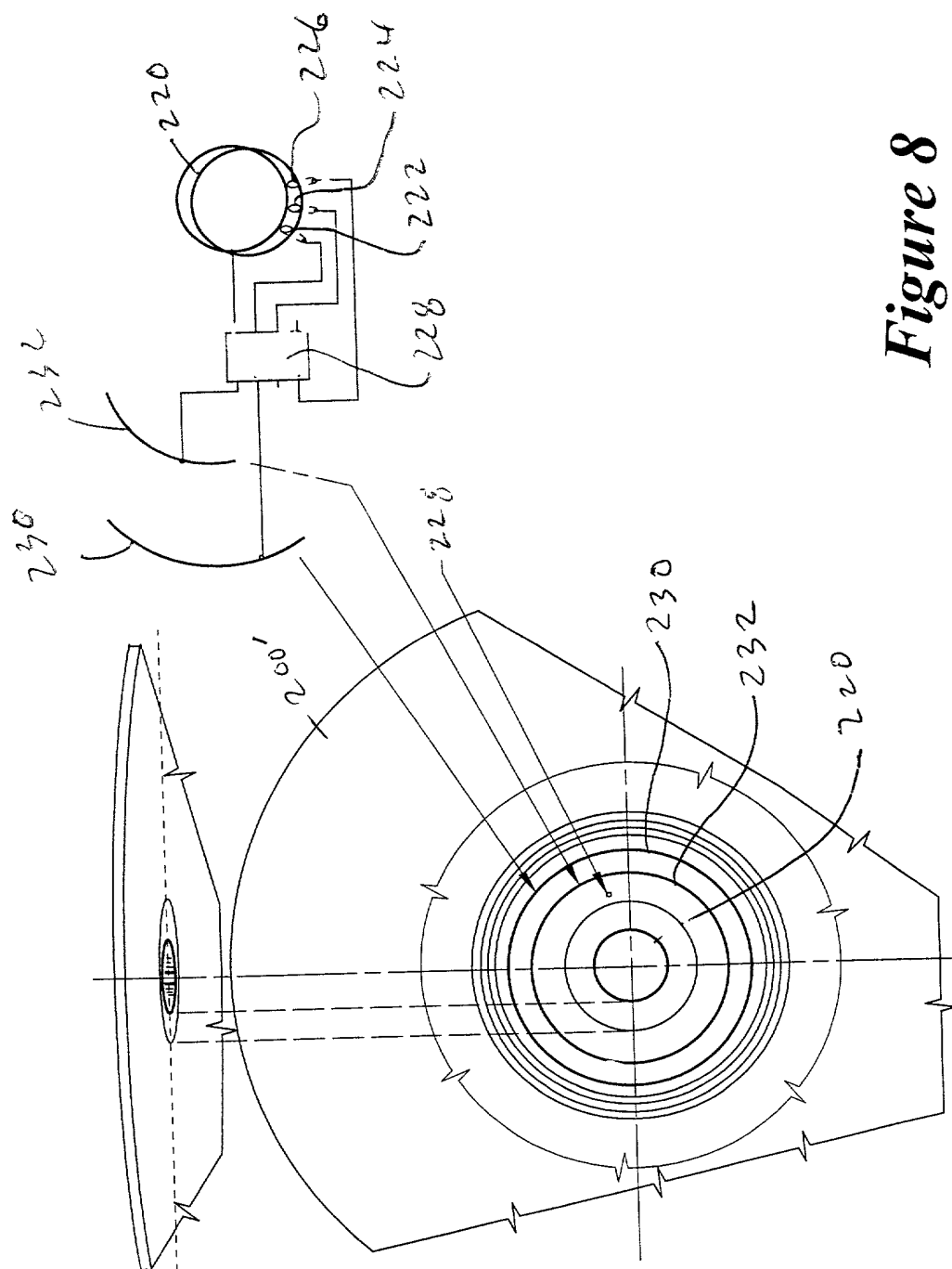


*Figure 7c*

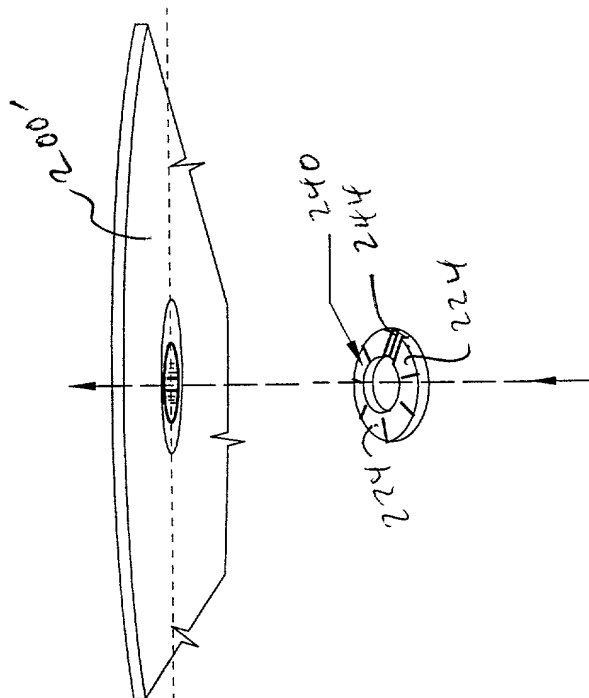


*Figure 7b*

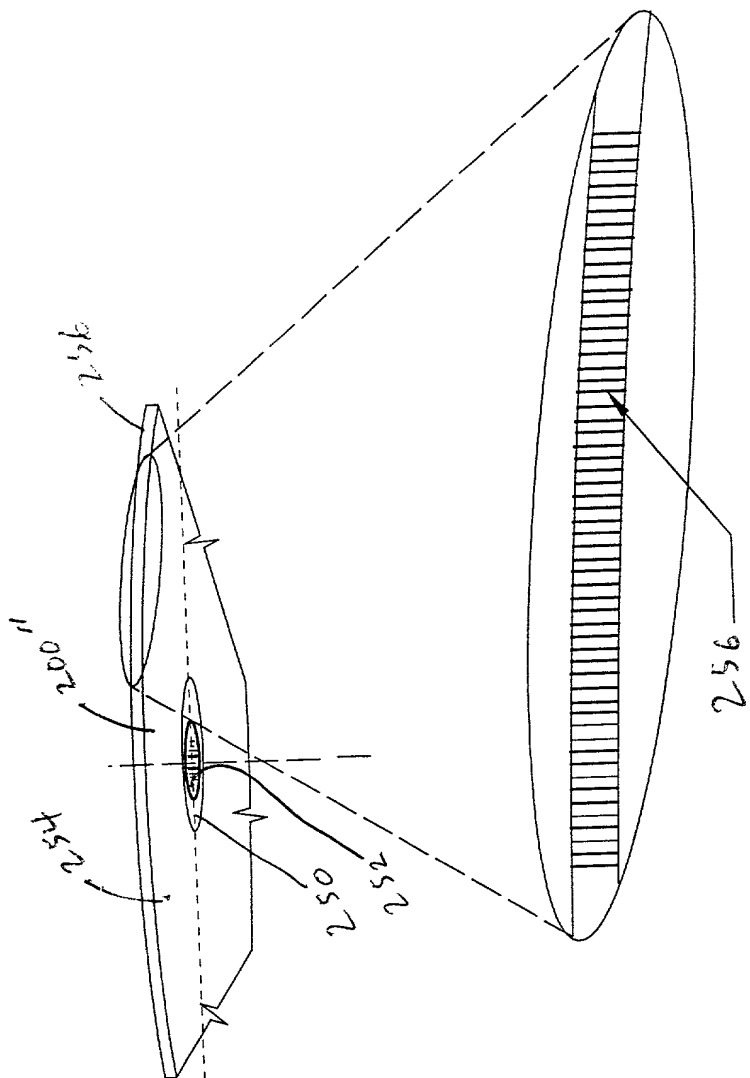




**Figure 8**



**Figure 9**



**Figure 10**

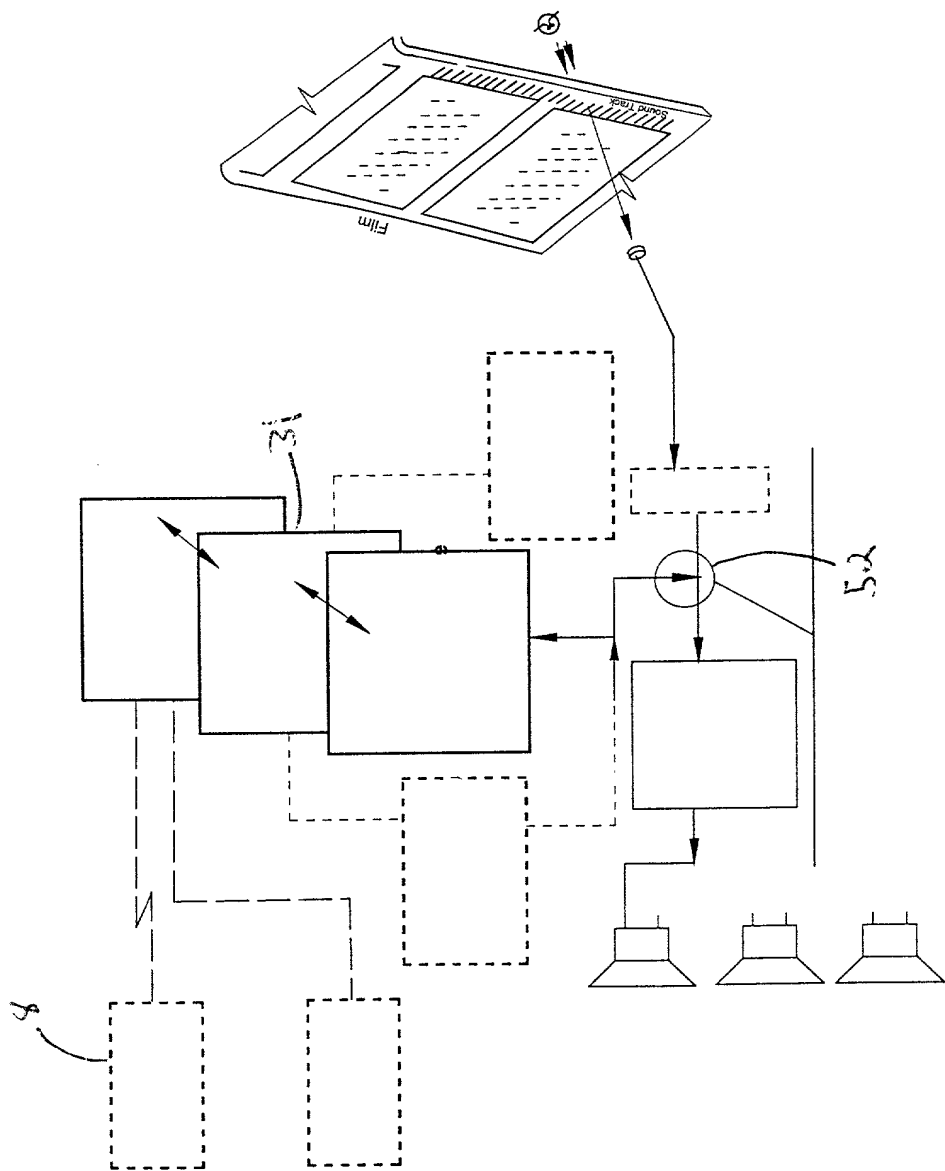


Figure 11

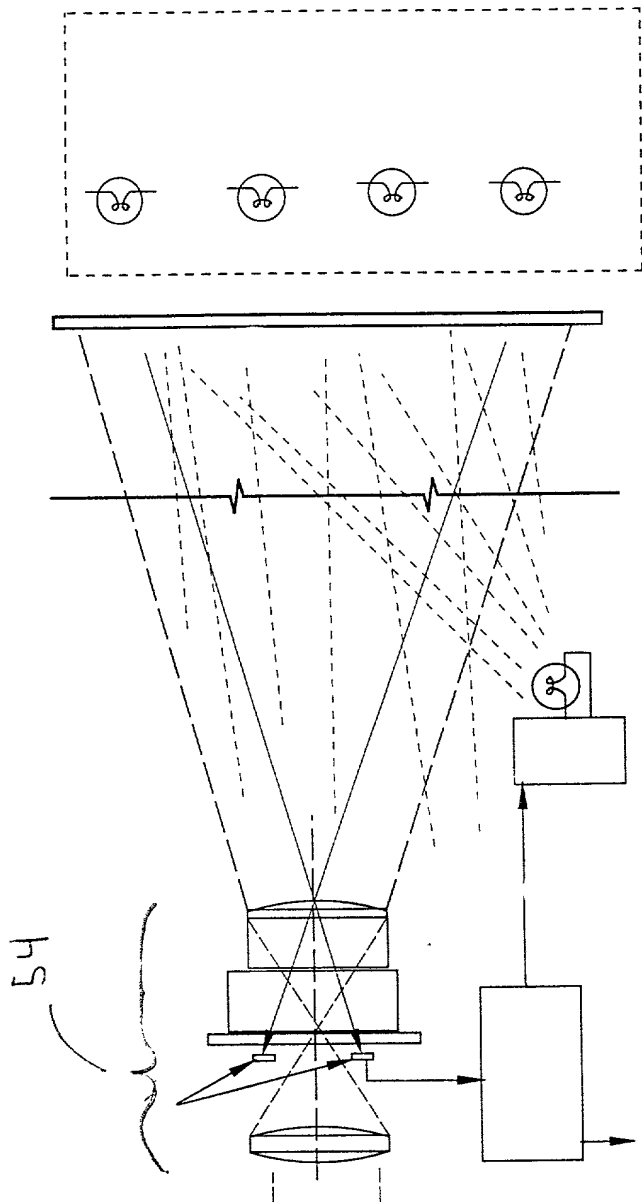
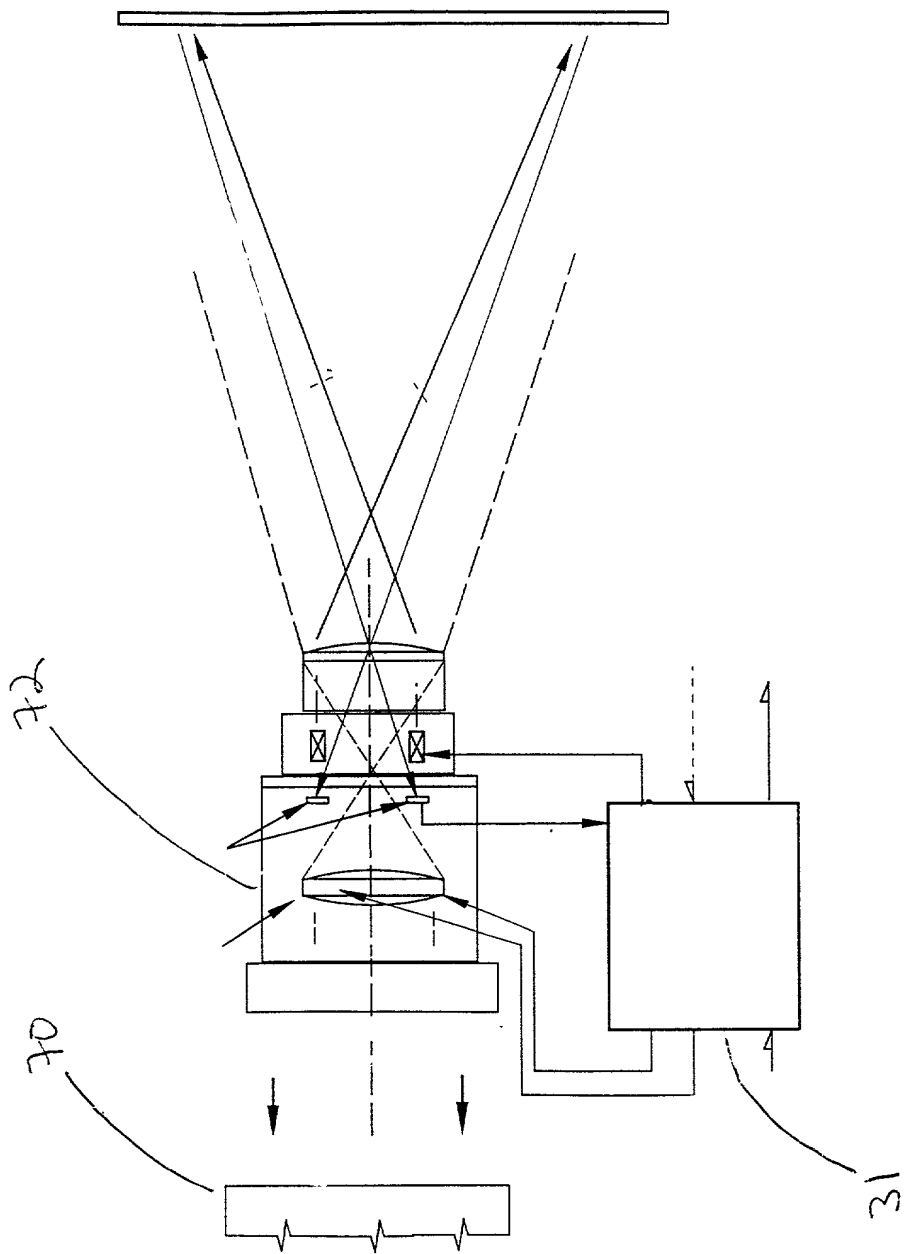


Figure 12

FIG. 13 is a schematic diagram of a system for measuring the thickness of a material. The system includes a light source 31, a lens 4, a detector 70, and a target 72. The light source 31 emits a beam of light 4 through the lens 4 onto the target 72. The reflected light is collected by the detector 70. The distance between the lens 4 and the target 72 is measured to determine the thickness of the material.



*Figure 13*